



## Wire rope Dyform 6

### Product information



Superior bending fatigue life when compared with conventional six strand crane ropes.  
Excellent resistance to crushing and abrasion particularly on multi-layer coiling resulting from the Dyform strands.  
Reduced elongation results from increased steel content and the Dyform process.  
Optional plastic impregnation to further extend fatigue life, improve structural stability and resistance to corrosion.

**ISO 4309 Rope Category No:** 8-15mm **RCN.06**, 16-46mm **RCN.09**, 48-50mm **RCN.11**

**Features:** Strong High Performance 6 Strand Crane Rope

**Material:** High Carbon Steel

**Marking:** According to standard, On Termination ID and CE mark

**Finish:** Galvanized or Ungalvanized

**Standard:** EN 12385-4

**Fill factor:** 0.64

**RCN:** 06

| Part Code       | Rope Diameter, mm | Tensile strength N/mm <sup>2</sup> | Min. Breaking force, kN | Finish     | Rope lay. | Weight kg/100m |
|-----------------|-------------------|------------------------------------|-------------------------|------------|-----------|----------------|
| 103101004270509 | 10                | 1,960                              | 82.8                    | Galvanized | sZ        | 46.9           |
| 103101003270509 | 10                | 1,960                              | 82.8                    | Galvanized | zS        | 46.9           |
| 103101004070509 | 10                | 1,960                              | 82.8                    | Bright     | sZ        | 46.9           |
| 103101003070509 | 10                | 1,960                              | 82.8                    | Bright     | zS        | 46.9           |
| 103101004300509 | 10                | 2,160                              | 89.8                    | Galvanized | sZ        | 46.9           |

|                 |    |       |      |            |    |      |
|-----------------|----|-------|------|------------|----|------|
| 103101003300509 | 10 | 2,160 | 89.8 | Galvanized | zS | 46.9 |
| 103101004100509 | 10 | 2,160 | 89.8 | Bright     | sZ | 46.9 |
| 103101003100509 | 10 | 2,160 | 89.8 | Bright     | zS | 46.9 |
| 103101104070509 | 11 | 1,960 | 100  | Bright     | sZ | 57.5 |
| 103101103070509 | 11 | 1,960 | 100  | Bright     | zS | 57.5 |
| 103101104270509 | 11 | 1,960 | 100  | Galvanized | sZ | 57.5 |
| 103101103270509 | 11 | 1,960 | 100  | Galvanized | zS | 57.5 |
| 103101104100509 | 11 | 2,160 | 109  | Bright     | sZ | 57.5 |
| 103101103100509 | 11 | 2,160 | 109  | Bright     | zS | 57.5 |
| 103101104300509 | 11 | 2,160 | 109  | Galvanized | sZ | 57.5 |
| 103101103300509 | 11 | 2,160 | 109  | Galvanized | zS | 57.5 |
| 103101204070509 | 12 | 1,960 | 119  | Bright     | sZ | 64.9 |
| 103101203070509 | 12 | 1,960 | 119  | Bright     | zS | 64.9 |
| 103101204270509 | 12 | 1,960 | 119  | Galvanized | sZ | 64.9 |
| 103101203270509 | 12 | 1,960 | 119  | Galvanized | zS | 64.9 |
| 103101204100509 | 12 | 2,160 | 129  | Bright     | sZ | 64.9 |
| 103101203100509 | 12 | 2,160 | 129  | Bright     | zS | 64.9 |
| 103101204300509 | 12 | 2,160 | 129  | Galvanized | sZ | 64.9 |
| 103101203300509 | 12 | 2,160 | 129  | Galvanized | zS | 64.9 |
| 103101304070509 | 13 | 1,960 | 140  | Bright     | sZ | 80.3 |
| 103101303070509 | 13 | 1,960 | 140  | Bright     | zS | 80.3 |
| 103101304270509 | 13 | 1,960 | 140  | Galvanized | sZ | 80.3 |
| 103101303270509 | 13 | 1,960 | 140  | Galvanized | zS | 80.3 |

|                 |    |       |     |            |    |      |
|-----------------|----|-------|-----|------------|----|------|
| 103101304100509 | 13 | 2,160 | 152 | Bright     | sZ | 80.3 |
| 103101303100509 | 13 | 2,160 | 152 | Bright     | zS | 80.3 |
| 103101304300509 | 13 | 2,160 | 152 | Galvanized | sZ | 80.3 |
| 103101303300509 | 13 | 2,160 | 152 | Galvanized | zS | 80.3 |
| 103101404070509 | 14 | 1,960 | 162 | Bright     | sZ | 94   |
| 103101403070509 | 14 | 1,960 | 162 | Bright     | zS | 94   |
| 103101404270509 | 14 | 1,960 | 162 | Galvanized | sZ | 94   |
| 103101403270509 | 14 | 1,960 | 162 | Galvanized | zS | 94   |
| 103101404100509 | 14 | 2,160 | 176 | Bright     | sZ | 94   |
| 103101403100509 | 14 | 2,160 | 176 | Bright     | zS | 94   |
| 103101404300509 | 14 | 2,160 | 176 | Galvanized | sZ | 94   |
| 103101403300509 | 14 | 2,160 | 176 | Galvanized | zS | 94   |
| 103101504070509 | 15 | 1,960 | 186 | Bright     | sZ | 106  |
| 103101503070509 | 15 | 1,960 | 186 | Bright     | zS | 106  |
| 103101504270509 | 15 | 1,960 | 186 | Galvanized | sZ | 106  |
| 103101503270509 | 15 | 1,960 | 186 | Galvanized | zS | 106  |
| 103101504100509 | 15 | 2,160 | 202 | Bright     | sZ | 106  |
| 103101503100509 | 15 | 2,160 | 202 | Bright     | zS | 106  |
| 103101504300509 | 15 | 2,160 | 202 | Galvanized | sZ | 106  |
| 103101503300509 | 15 | 2,160 | 202 | Galvanized | zS | 106  |
| 103101604070509 | 16 | 1,960 | 212 | Bright     | sZ | 117  |
| 103101603070509 | 16 | 1,960 | 212 | Bright     | zS | 117  |
| 103101604270509 | 16 | 1,960 | 212 | Galvanized | sZ | 117  |

|                 |    |       |     |            |    |     |
|-----------------|----|-------|-----|------------|----|-----|
| 103101603270509 | 16 | 1,960 | 212 | Galvanized | zS | 117 |
| 103101604100509 | 16 | 2,160 | 230 | Bright     | sZ | 117 |
| 103101603100509 | 16 | 2,160 | 230 | Bright     | zS | 117 |
| 103101604300509 | 16 | 2,160 | 230 | Galvanized | sZ | 117 |
| 103101603300509 | 16 | 2,160 | 230 | Galvanized | zS | 117 |
| 103101704070509 | 17 | 1,960 | 239 | Bright     | sZ | 139 |
| 103101703070509 | 17 | 1,960 | 239 | Bright     | zS | 139 |
| 103101704270509 | 17 | 1,960 | 239 | Galvanized | sZ | 139 |
| 103101703270509 | 17 | 1,960 | 239 | Galvanized | zS | 139 |
| 103101704100509 | 17 | 2,160 | 260 | Bright     | sZ | 139 |
| 103101703100509 | 17 | 2,160 | 260 | Bright     | zS | 139 |
| 103101704300509 | 17 | 2,160 | 260 | Galvanized | sZ | 139 |
| 103101703300509 | 17 | 2,160 | 260 | Galvanized | zS | 139 |
| 103101804070509 | 18 | 1,960 | 268 | Bright     | sZ | 153 |
| 103101803070509 | 18 | 1,960 | 268 | Bright     | zS | 153 |
| 103101804270509 | 18 | 1,960 | 268 | Galvanized | sZ | 153 |
| 103101803270509 | 18 | 1,960 | 268 | Galvanized | zS | 153 |
| 103101804100509 | 18 | 2,160 | 291 | Bright     | sZ | 153 |
| 103101803100509 | 18 | 2,160 | 291 | Bright     | zS | 153 |
| 103101804300509 | 18 | 2,160 | 291 | Galvanized | sZ | 153 |
| 103101803300509 | 18 | 2,160 | 291 | Galvanized | zS | 153 |
| 103101904070509 | 19 | 1,960 | 299 | Bright     | sZ | 166 |
| 103101903070509 | 19 | 1,960 | 299 | Bright     | zS | 166 |

|                 |    |       |     |            |    |     |
|-----------------|----|-------|-----|------------|----|-----|
| 103101904270509 | 19 | 1,960 | 299 | Galvanized | sZ | 166 |
| 103101903270509 | 19 | 1,960 | 299 | Galvanized | zS | 166 |
| 103101904100509 | 19 | 2,160 | 324 | Bright     | sZ | 166 |
| 103101903100509 | 19 | 2,160 | 324 | Bright     | zS | 166 |
| 103101904300509 | 19 | 2,160 | 324 | Galvanized | sZ | 166 |
| 103101903300509 | 19 | 2,160 | 324 | Galvanized | zS | 166 |
| 103102004070509 | 20 | 1,960 | 331 | Bright     | sZ | 182 |
| 103102003070509 | 20 | 1,960 | 331 | Bright     | zS | 182 |
| 103102004270509 | 20 | 1,960 | 331 | Galvanized | sZ | 182 |
| 103102003270509 | 20 | 1,960 | 331 | Galvanized | zS | 182 |
| 103102004100509 | 20 | 2,160 | 359 | Bright     | sZ | 182 |
| 103102003100509 | 20 | 2,160 | 359 | Bright     | zS | 182 |
| 103102004300509 | 20 | 2,160 | 359 | Galvanized | sZ | 182 |
| 103102003300509 | 20 | 2,160 | 359 | Galvanized | zS | 182 |
| 103102204070509 | 22 | 1,960 | 401 | Bright     | sZ | 217 |
| 103102203070509 | 22 | 1,960 | 401 | Bright     | zS | 217 |
| 103102204270509 | 22 | 1,960 | 401 | Galvanized | sZ | 217 |
| 103102203270509 | 22 | 1,960 | 401 | Galvanized | zS | 217 |
| 103102204100509 | 22 | 2,160 | 435 | Bright     | sZ | 217 |
| 103102203100509 | 22 | 2,160 | 435 | Bright     | zS | 217 |
| 103102204300509 | 22 | 2,160 | 435 | Galvanized | sZ | 217 |
| 103102203300509 | 22 | 2,160 | 435 | Galvanized | zS | 217 |
| 103102404070509 | 24 | 1,960 | 477 | Bright     | sZ | 266 |

|                 |    |       |     |            |    |     |
|-----------------|----|-------|-----|------------|----|-----|
| 103102403070509 | 24 | 1,960 | 477 | Bright     | zS | 266 |
| 103102404270509 | 24 | 1,960 | 477 | Galvanized | sZ | 266 |
| 103102403270509 | 24 | 1,960 | 477 | Galvanized | zS | 266 |
| 103102404100509 | 24 | 2,160 | 518 | Bright     | sZ | 266 |
| 103102403100509 | 24 | 2,160 | 518 | Bright     | zS | 266 |
| 103102404300509 | 24 | 2,160 | 518 | Galvanized | sZ | 266 |
| 103102403300509 | 24 | 2,160 | 518 | Galvanized | zS | 266 |
| 103102504070509 | 25 | 1,960 | 512 | Bright     | sZ | 280 |
| 103102503070509 | 25 | 1,960 | 512 | Bright     | zS | 280 |
| 103102504270509 | 25 | 1,960 | 512 | Galvanized | sZ | 280 |
| 103102503270509 | 25 | 1,960 | 512 | Galvanized | zS | 280 |
| 103102504100509 | 25 | 2,160 | 546 | Bright     | sZ | 280 |
| 103102503100509 | 25 | 2,160 | 546 | Bright     | zS | 280 |
| 103102504300509 | 25 | 2,160 | 546 | Galvanized | sZ | 280 |
| 103102503300509 | 25 | 2,160 | 546 | Galvanized | zS | 280 |
| 103102604070509 | 26 | 1,960 | 559 | Bright     | sZ | 313 |
| 103102603070509 | 26 | 1,960 | 559 | Bright     | zS | 313 |
| 103102604270509 | 26 | 1,960 | 559 | Galvanized | sZ | 313 |
| 103102603270509 | 26 | 1,960 | 559 | Galvanized | zS | 313 |
| 103102604100509 | 26 | 2,160 | 607 | Bright     | sZ | 313 |
| 103102603100509 | 26 | 2,160 | 607 | Bright     | zS | 313 |
| 103102604300509 | 26 | 2,160 | 607 | Galvanized | sZ | 313 |
| 103102603300509 | 26 | 2,160 | 607 | Galvanized | zS | 313 |

|                 |    |       |     |            |    |     |
|-----------------|----|-------|-----|------------|----|-----|
| 103102804070509 | 28 | 1,960 | 649 | Bright     | sZ | 359 |
| 103102803070509 | 28 | 1,960 | 649 | Bright     | zS | 359 |
| 103102804270509 | 28 | 1,960 | 649 | Galvanized | sZ | 359 |
| 103102803270509 | 28 | 1,960 | 649 | Galvanized | zS | 359 |
| 103102804100509 | 28 | 2,160 | 704 | Bright     | sZ | 359 |
| 103102803100509 | 28 | 2,160 | 704 | Bright     | zS | 359 |
| 103102804300509 | 28 | 2,160 | 704 | Galvanized | sZ | 359 |
| 103102803300509 | 28 | 2,160 | 704 | Galvanized | zS | 359 |
| 103103004070509 | 30 | 1,960 | 745 | Bright     | sZ | 414 |
| 103103003070509 | 30 | 1,960 | 745 | Bright     | zS | 414 |
| 103103004270509 | 30 | 1,960 | 745 | Galvanized | sZ | 414 |
| 103103003270509 | 30 | 1,960 | 745 | Galvanized | zS | 414 |
| 103103004100509 | 30 | 2,160 | 809 | Bright     | sZ | 414 |
| 103103003100509 | 30 | 2,160 | 809 | Bright     | zS | 414 |
| 103103004300509 | 30 | 2,160 | 809 | Galvanized | sZ | 414 |
| 103103003300509 | 30 | 2,160 | 809 | Galvanized | zS | 414 |
| 103103204070509 | 32 | 1,960 | 847 | Bright     | sZ | 469 |
| 103103203070509 | 32 | 1,960 | 847 | Bright     | zS | 469 |
| 103103204270509 | 32 | 1,960 | 847 | Galvanized | sZ | 469 |
| 103103203270509 | 32 | 1,960 | 847 | Galvanized | zS | 469 |
| 103103204100509 | 32 | 2,160 | 920 | Bright     | sZ | 469 |
| 103103203100509 | 32 | 2,160 | 920 | Bright     | zS | 469 |
| 103103204300509 | 32 | 2,160 | 920 | Galvanized | sZ | 469 |

|                 |    |       |       |            |    |     |
|-----------------|----|-------|-------|------------|----|-----|
| 103103203300509 | 32 | 2,160 | 920   | Galvanized | zS | 469 |
| 103103404070509 | 34 | 1,960 | 957   | Bright     | sZ | 509 |
| 103103403070509 | 34 | 1,960 | 957   | Bright     | zS | 509 |
| 103103404270509 | 34 | 1,960 | 957   | Galvanized | sZ | 509 |
| 103103403270509 | 34 | 1,960 | 957   | Galvanized | zS | 509 |
| 103103404100509 | 34 | 2,160 | 1,039 | Bright     | sZ | 509 |
| 103103403100509 | 34 | 2,160 | 1,039 | Bright     | zS | 509 |
| 103103404300509 | 34 | 2,160 | 1,039 | Galvanized | sZ | 509 |
| 103103403300509 | 34 | 2,160 | 1,039 | Galvanized | zS | 509 |
| 103103604070509 | 36 | 1,960 | 1,073 | Bright     | sZ | 592 |
| 103103603070509 | 36 | 1,960 | 1,073 | Bright     | zS | 592 |
| 103103604270509 | 36 | 1,960 | 1,073 | Galvanized | sZ | 592 |
| 103103603270509 | 36 | 1,960 | 1,073 | Galvanized | zS | 592 |
| 103103604100509 | 36 | 2,160 | 1,164 | Bright     | sZ | 592 |
| 103103603100509 | 36 | 2,160 | 1,164 | Bright     | zS | 592 |
| 103103604300509 | 36 | 2,160 | 1,164 | Galvanized | sZ | 592 |
| 103103603300509 | 36 | 2,160 | 1,164 | Galvanized | zS | 592 |
| 103103804070509 | 38 | 1,960 | 1,195 | Bright     | sZ | 643 |
| 103103803070509 | 38 | 1,960 | 1,195 | Bright     | zS | 643 |
| 103103804270509 | 38 | 1,960 | 1,195 | Galvanized | sZ | 643 |
| 103103803270509 | 38 | 1,960 | 1,195 | Galvanized | zS | 643 |
| 103103804100509 | 38 | 2,160 | 1,297 | Bright     | sZ | 643 |
| 103103803100509 | 38 | 2,160 | 1,297 | Bright     | zS | 643 |



|                 |    |       |       |            |    |     |
|-----------------|----|-------|-------|------------|----|-----|
| 103103804300509 | 38 | 2,160 | 1,297 | Galvanized | sZ | 643 |
| 103103803300509 | 38 | 2,160 | 1,297 | Galvanized | zS | 643 |
| 103104004070509 | 40 | 1,960 | 1,324 | Bright     | sZ | 715 |
| 103104003070509 | 40 | 1,960 | 1,324 | Bright     | zS | 715 |
| 103104004270509 | 40 | 1,960 | 1,324 | Galvanized | sZ | 715 |
| 103104003270509 | 40 | 1,960 | 1,324 | Galvanized | zS | 715 |
| 103104004100509 | 40 | 2,160 | 1,438 | Bright     | sZ | 715 |
| 103104003100509 | 40 | 2,160 | 1,438 | Bright     | zS | 715 |
| 103104004300509 | 40 | 2,160 | 1,438 | Galvanized | sZ | 715 |
| 103104003300509 | 40 | 2,160 | 1,438 | Galvanized | zS | 715 |
| 103104204070509 | 42 | 1,960 | 1,460 | Bright     | sZ | 791 |